

Fig. 1 (a)

<i>hTRF1</i>	(378)	R K R Q A W L W E E D K N T R S G W R K Y G - - - - E G N W S K E L L H Y K F N N R T S V M E K D R W R T M K K L - - -
<i>hTRF2</i>	(445)	T K K Q K A T V E E S E W N K A G W O K Y G - - - - E G N W A A T S K N Y P F V N R T A V M T K D R W R T M K R L - - -
<i>sptazl</i>	(556)	R T R R K W T D E E E N E L E Y E M I S Q H G - - - - C C W S K E I H I Q K - (8) - F G P T Q T K D K A R L I K A R - - -
<i>sptBFI</i>	(407)	K A K R T W S K E E E A L E V E G L K E V G - - - - P S W S K E T D I Y G - - - - T Q V Q E K D K A R N W K I Q - - -
<i>RTBP</i>	(532)	R I R R P E T V A E V E L L E V E A W E H L G - - - - T G R W R D W K F R A F - (6) - T Y V D E K D K W K T L V H T - - -
<i>scRap1p D1</i> (360)	-	- K A S E T D E E D E F T L D V W R K N P - - - (5) - - - H T L Y D E I S H Y V P - - N H T G N S T R H R E R V Y L S K - - -
<i>scRap1p D2</i> (446)	-	- K R K E S S A D E D Y T L A T A W K K Q F - - - (56) - - - A R E E F K E F A E E H A - A H T E N A W R D R E R K F I L L A Y G -
<i>hRapl</i>	(132)	- G R I A F T D A D D V A I L T Y W K E N A - - - (8) - - - N A L W K A M E K S S I L T - Q H S W Q S I E K D R W L K H I R G - - -
<i>spRapl</i>	(132)	- K R E L E T T E D E K I E I D H W H K N D - - - (5) - - - T K V Y E E L A R K Y P - - Q H S L E S W R O H K Y K M K R - - -
<i>c-Myb RI</i>	(38)	L G K T R W T R E E D E K E K K I W E O N G - - - - T D D E K V I T A N Y I P - - N R T D V Q G O H R W O K V I L N P - - -
<i>c-Myb R2</i>	(90)	L I K G P W T K E E D O R W I E L W O K Y G - - - - P K R W S V E I A K H L K - - G R I G K O C R E R M H N H L N P - - -
<i>c-Myb R3</i>	(142)	V K K T S W T E E D R I T W Q A E K R L G - - - - N R W A E T A K L L P - - G R T D N A T K N H M N S T M R R - - -

Fig. 1(b)

Fig. 2(a)

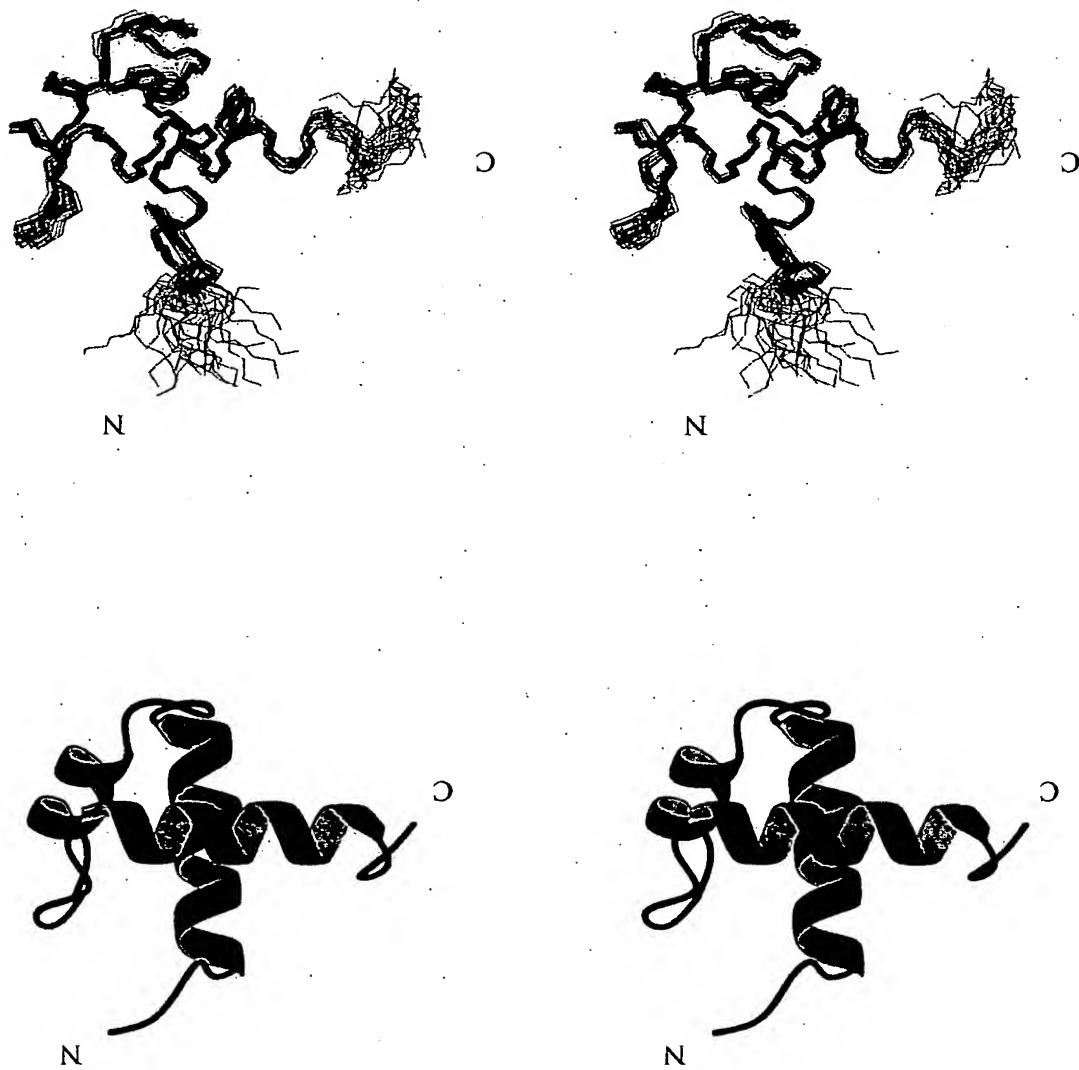
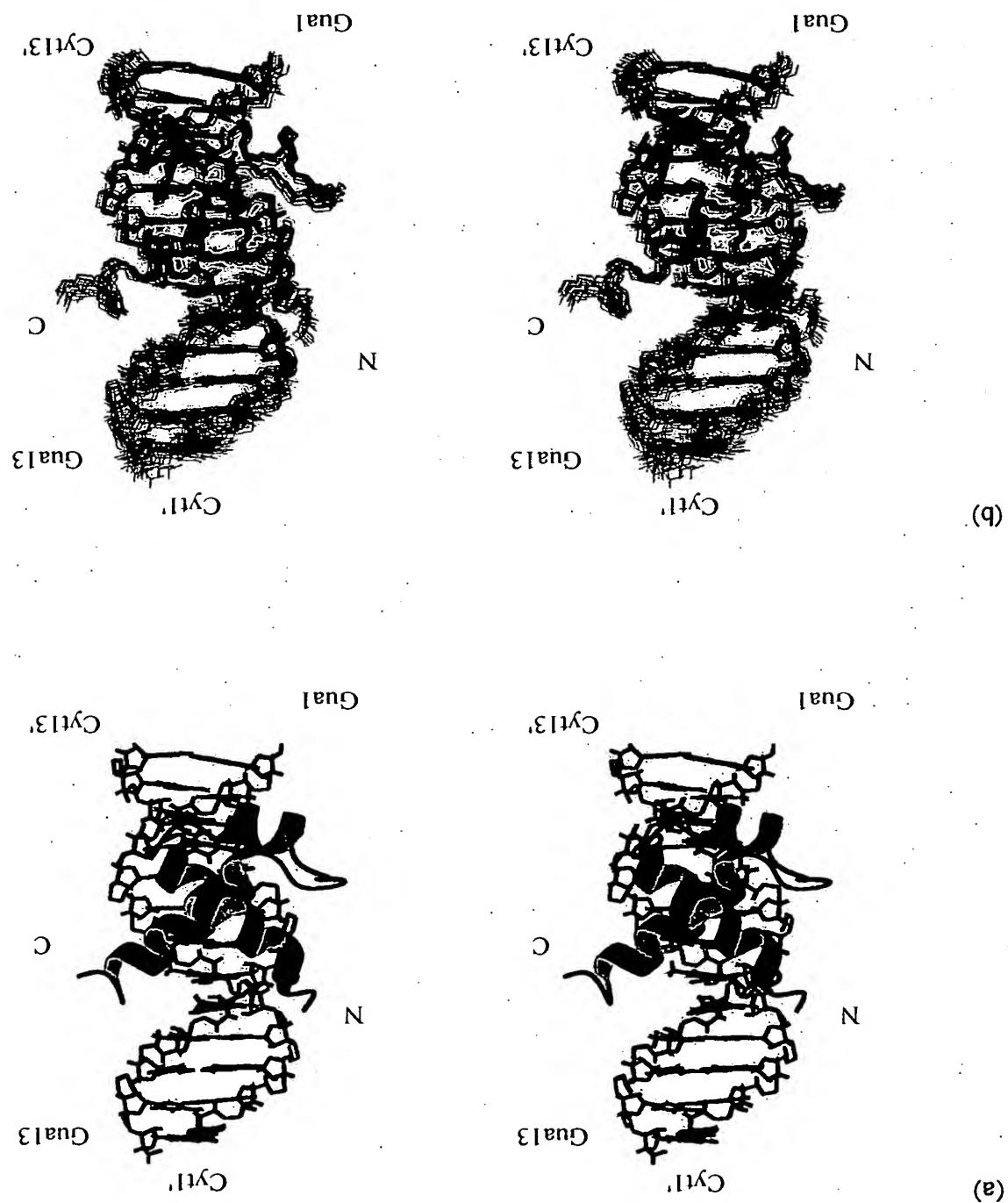


Fig. 2 (b)



hTRF2-DNA Complex

hTRF1-DNA Complex

hTRF2-DNA Complex

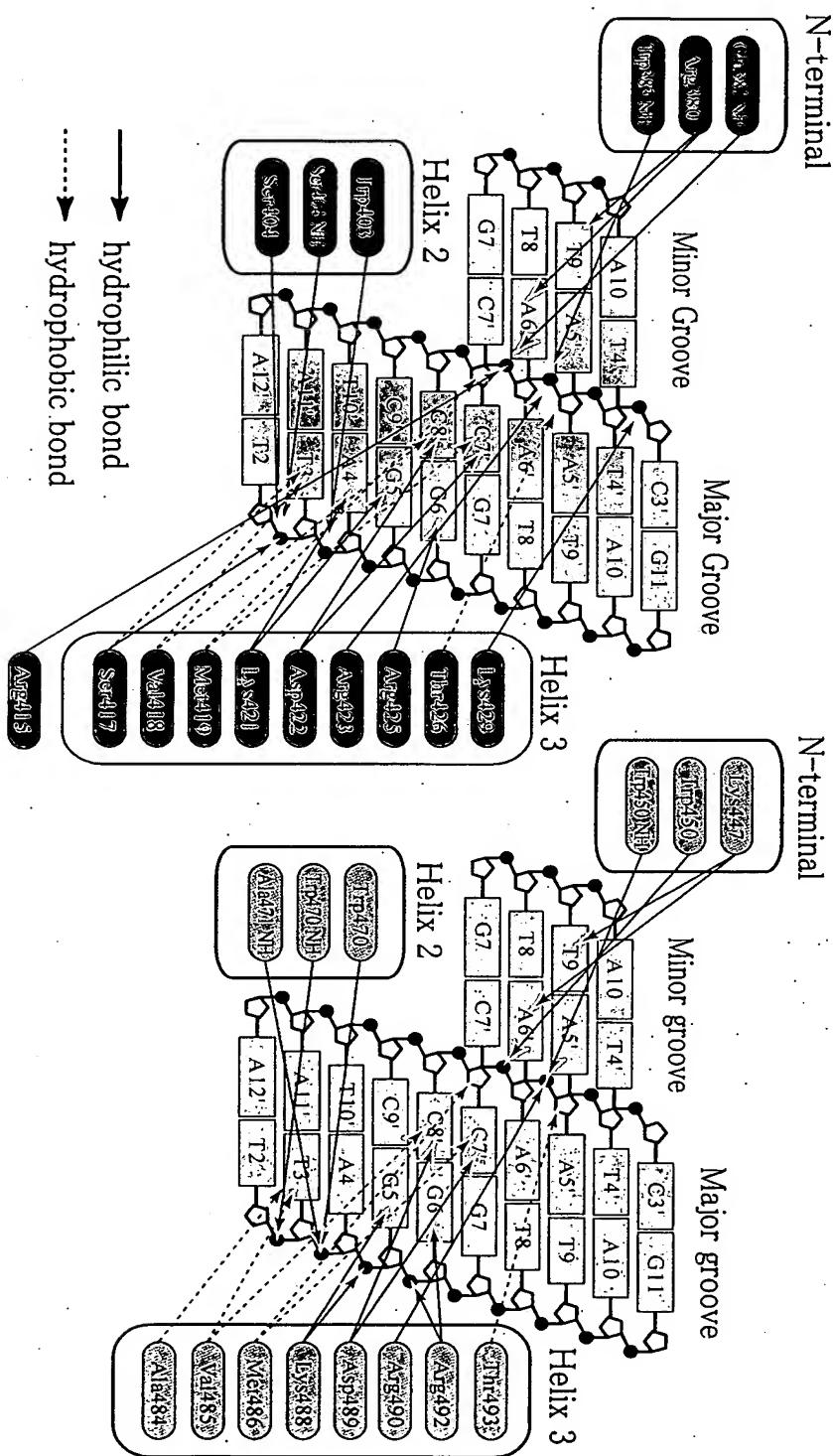
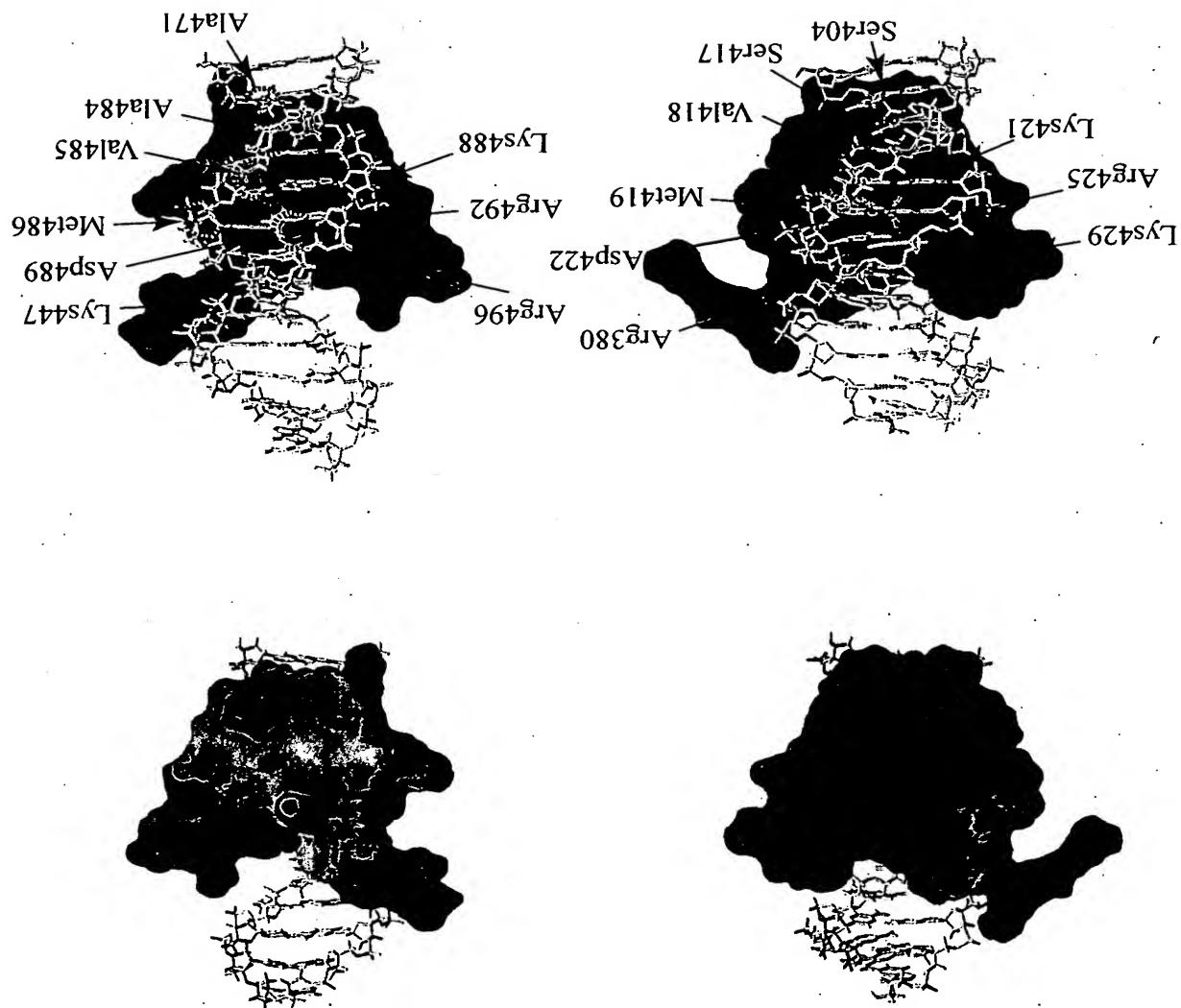


Fig. 3(a)

Fig. 3 (b)



hTRF1-DNA Complex

hTRF1-DNA Complex

FIG. 4

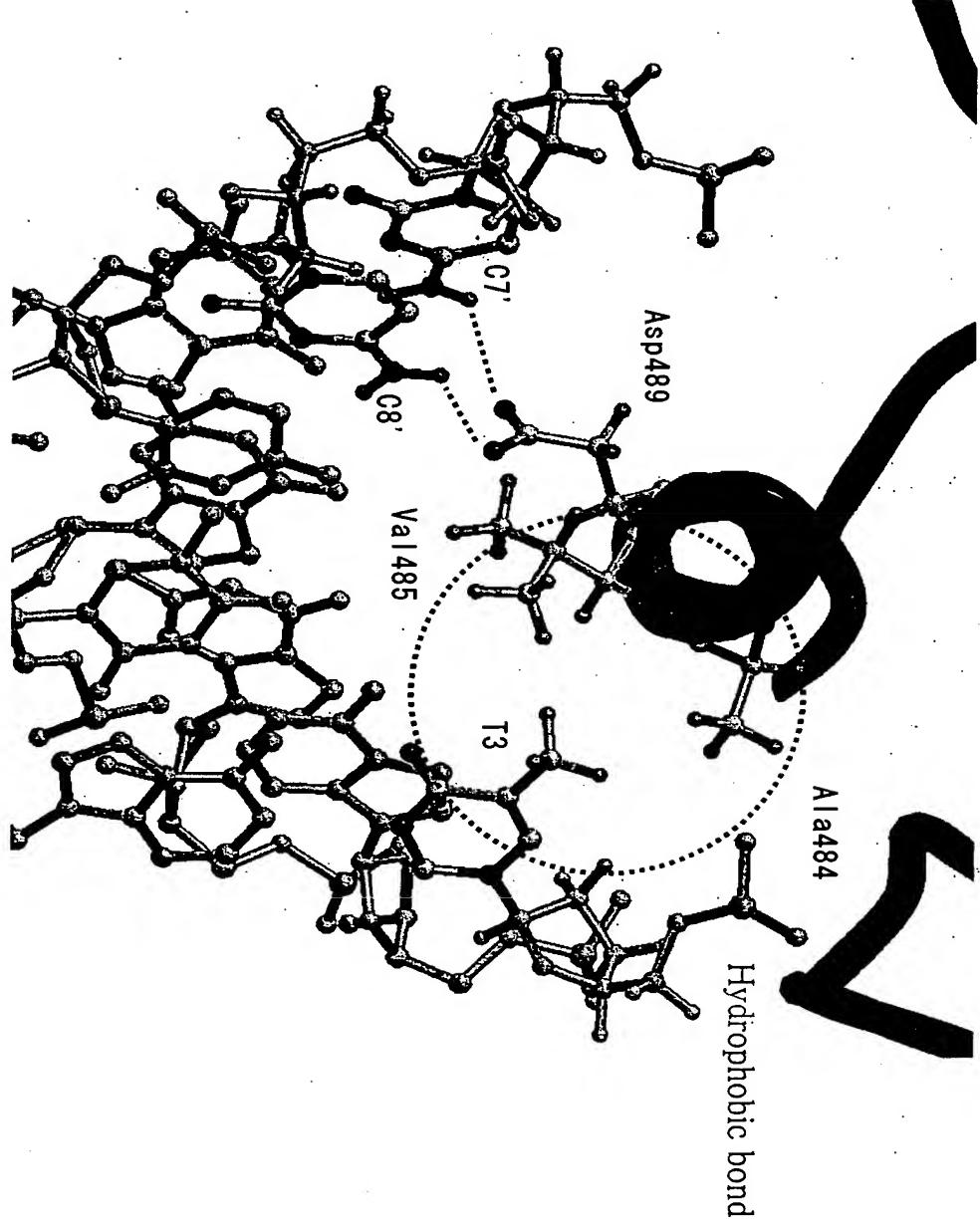
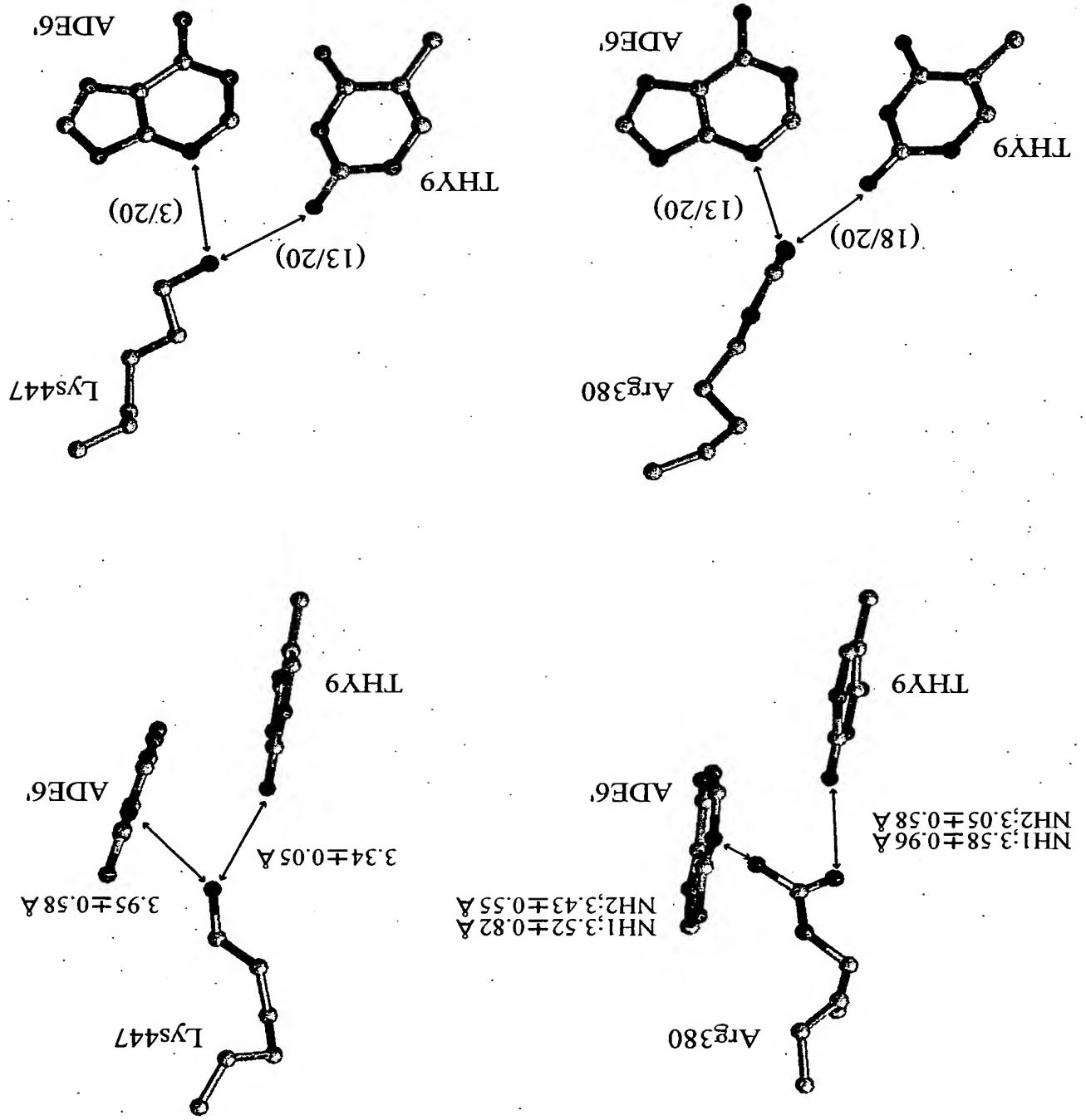


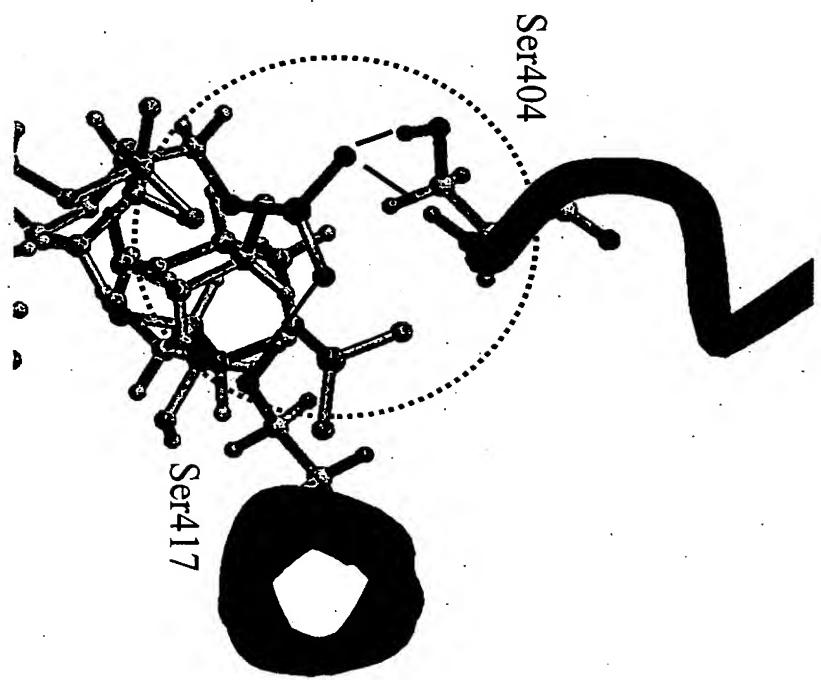
Fig. 5 (a)



hTRF2

hTRF1

hTRF1



hTRF2

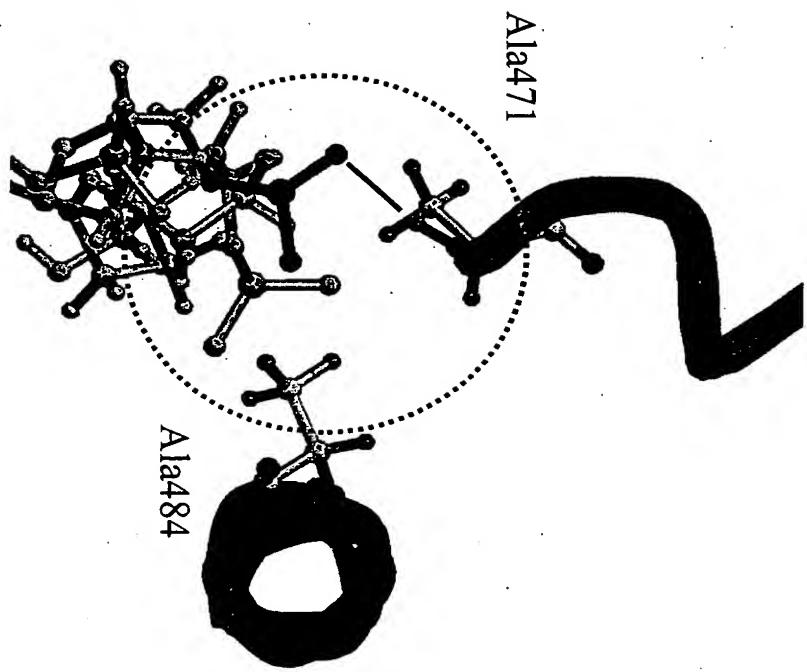


Fig. 5 (b)

Fig. 6(a)

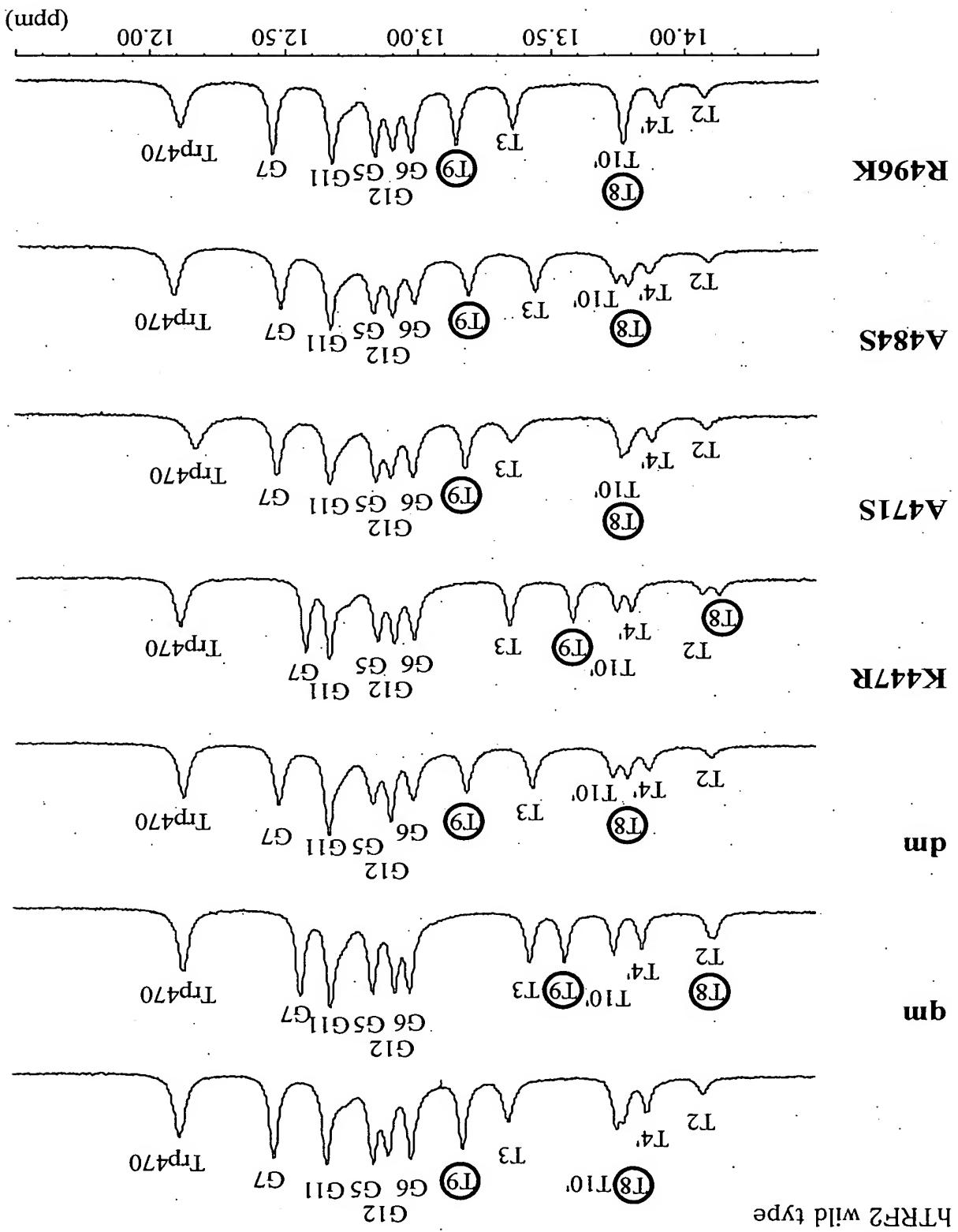
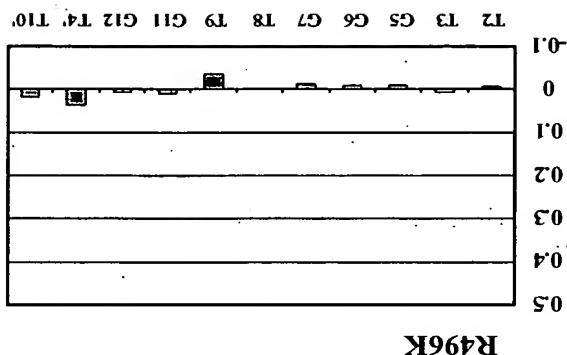
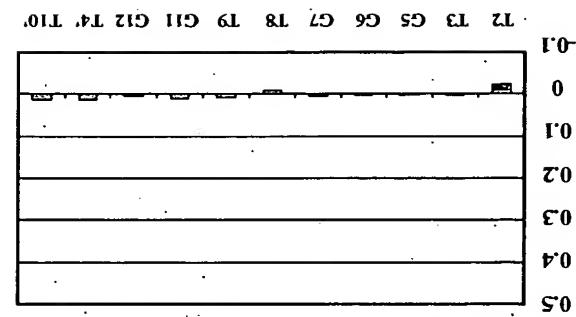


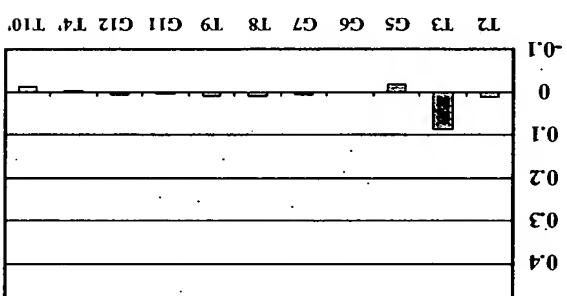
Fig. 6 (b)



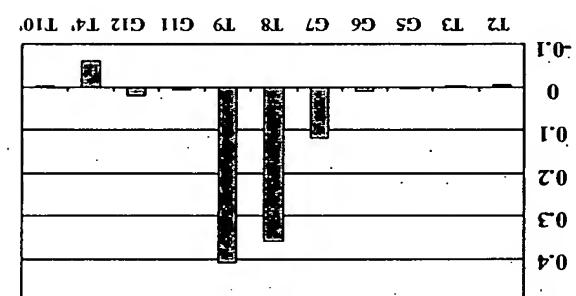
R496K



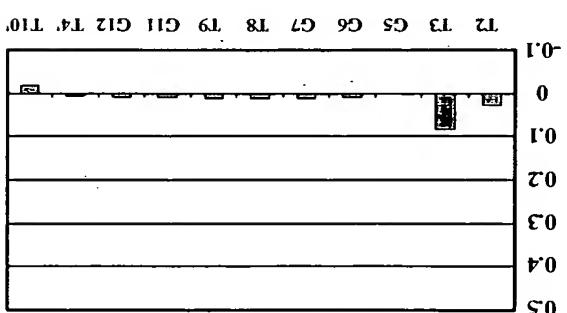
A471S



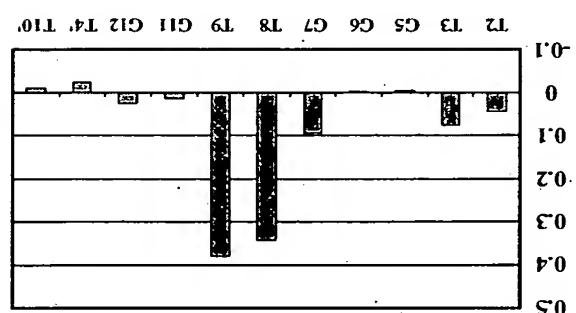
A484S



K447R

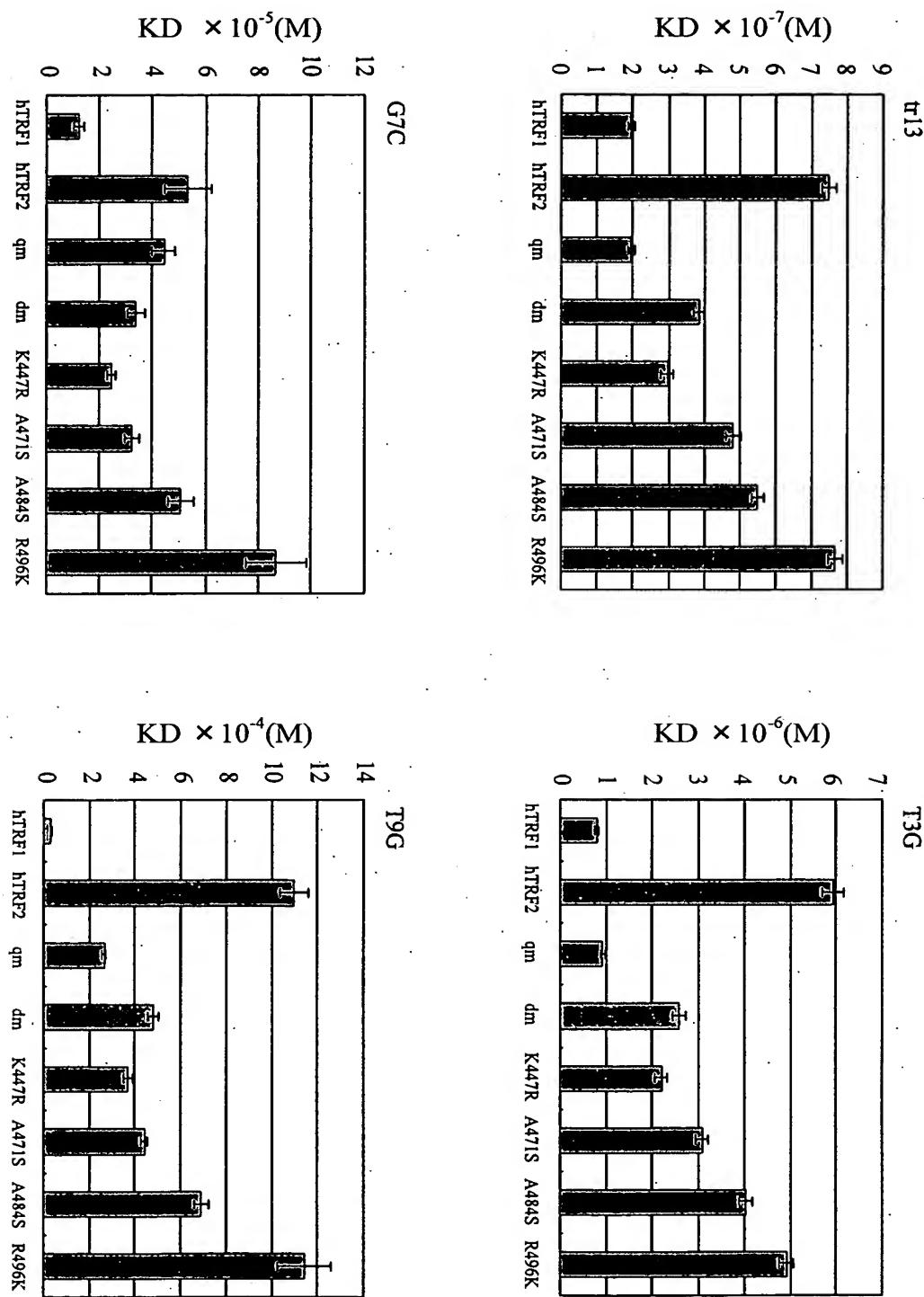


dm:A471S,A484S,R496K



dm:K447R,A471S,A484S,R496K

Fig. 7



EKRPETTAESSEQALARKEEKENEN---RYLTERRRQOISSELG---
 QRSSTTIESASQDDELEERAERT---QYPDIVTREELAQRTN---
 VRRKTAFTTRDOLGLGRKEKEFIKE---NVNSRPRRCELAAQLN---
 RKRGQMTTRYQTELEKEEHEN---RYLTERRRRIELAHALS---
 SKRTROTTRYQTELEKEEHEN---RYTRRRRIDIANALS---
 KRKRSEVLETFKAQTELEERREROQ---RYSAPEREHIALSIR---
 GRRWRTKGAPASQQIIFFQAMERQ---KNPSCKEERETLVECNRACIQGVSPSQAGLGSNLTEVFRVNWFANRKEEAFRHKLAMDITYLN
 RKKRREVIESQAQVYELERREFKQQ---KYLSSAPEREHIALSMH---
 KRKRSTTISIAAKDALEHRHEGEH---SKPSSEIIMRWAEELN---
 NRKERTFETTAOLLALERKEROK---QYLSIAAERAEFSSSIS---
 SPKGSSISIISPOARATIEEVERRK---QSINSKEKEEVAKKCG---
 KPYRGHPTKENVRLTIESWEAKNINPYLDTKGLENEMKNTS---
 TTRVATVLINEKQLHTTRTCYAN---PPDALKMKEOLWEMIG---
 RRKKRSETSIETNRVRALEKSELEN---QKPTSEEITMIADOLN---
 RKKETSIETNVRMSIETMELKC---PKPSLOOITHIANQLG---
 PSGLGTNETTROLTELEKEEHEN---KYLSSRARRVETIAATLE---
 ARRCKRNEFNQATEINNEYEFYSHLSNPPYPSEEAKEELAKKCG---
 -ITVSCQVSNSWFGNKRIRYKKNIGFQEANTYAA

-INEACKIKIWFOQNKRAKIKKS
 Paired homeodomain
 Eve HD
 Antp HD
 Fushi tarazu homeodomain
 VND-NK2
 LFB1/HFN1 factor
 Thyroid transcription factor
 Pit-1
 MSX-1
 MATa1
 MATa2
 Ins
 OCT-1
 OCT-2
 OCT-4
 HOX-B1
 pbx-1

Helix 1

Helix 2

Helix 3

Fig. 8